

Title (en)  
3D STRUCTURAL RESTORATION OF A GEOLOGICAL SETTING

Title (de)  
3D-STRUKTURELLE WIEDERHERSTELLUNG EINER GEOLOGISCHEN EINSTELLUNG

Title (fr)  
RESTAURATION STRUCTURALE 3D D'UN CADRE GÉOLOGIQUE

Publication  
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Application  
**EP 18305708 A 20180611**

Priority  
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Abstract (en)  
The invention notably relates to a method for performing a 3D structural restoration of a geological setting with a computer system, including unfolding one or more geological surfaces of the geological setting. The unfolding comprises for each respective geological surface providing a 3D triangulated surface representing the respective geological surface, and determining a conformal flattening that transforms the 3D triangulated surface into a 2D triangulated surface. The conformal flattening is an iso-topographic mapping which substantially preserves angles. This provides an improved solution of 3D structural restoration of a geological setting.

IPC 8 full level  
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CPC (source: EP US)  
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Citation (applicant)  
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